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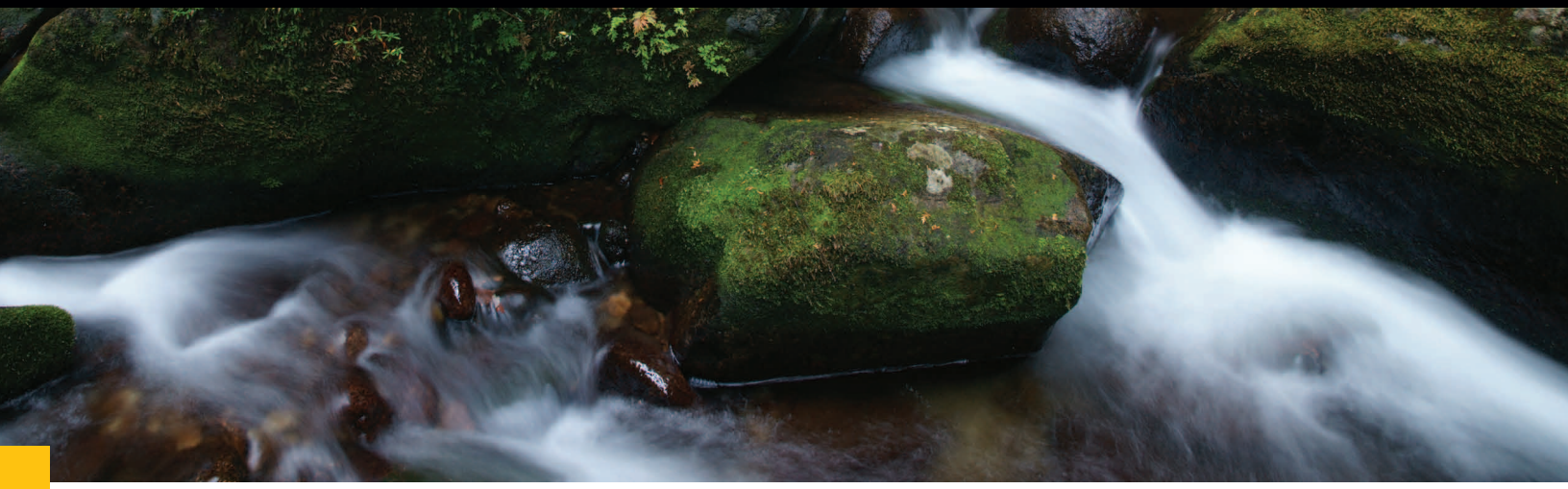

3D

HDR-TD10

Full HD 3D Handycam® Camcorder

The Sony® HDR-TD10 Handycam® camcorder has two Full HD sensors for capturing true 1920x1080 3D video delivering an immersive 3D experience, as well as Full HD 2D video. Even in 3D mode, stay up close with 10x Optical Zoom. View 3D and 2D videos directly on its generous 3.5" Xtra Fine LCD™ display—no special glasses required. Watch all 3D video in 2D as well.

Double Full HD 3D Consumer camcorder

The Sony® HDR-TD10 utilizes two Full HD sensors to capture true 1920x1080 3D video. Most 3D cameras achieve the 3D affect by splitting a 1920x1080 signal in to two 960x540 channels in order to squeeze them onto one sensor, thereby limiting resolution on the final output. Because the Sony® HDR-TD10 utilizes two HD sensors, it provides a full 1920x1080 lines of resolution on both channels, giving you a richer and more immersive 3D experience.

3D Ready 3.5" Xtra Fine LCD™ display (1229K) w/TruBlack™ technology

The LCD is also 3D ready, enabling you to view your 3D content directly on the camcorder's LCD without the need for 3D glasses. TruBlack technology brings remarkably higher contrast and brightness to the camcorder's 3.5" Xtra Fine LCD display, delivering more natural, realistic colors and easier viewing in bright conditions by reducing glare.

1920x1080 Full HD 60p/24p recording w/7MP still image capture

Capturing 1920x1080 high definition resolution lets you record your memories in exceptional Full High Definition quality. Capable of 60p recording[6] and playback via HDMI™ to an HDTV, the HDR-TD10 provides stunning clarity and incredibly detailed playback of your memories. If you're looking for a film-like quality look to your video, 24p recording[6] is available for you.

10x Optical Zoom in 3D mode

Zoom in on your subjects even in 3D mode with 10x optical zoom.

64 GB[1] embedded Flash Memory

The built-in 64 GB[1] embedded Flash memory can record and store up to 25 hours of 2D high definition video footage (HD LP mode), or up to 5 hours of high definition 3D video.*

Back-illuminated "Exmor R" CMOS sensor for superb low-light video

Experience stunning low-light sensitivity with improved image clarity and drastically reduced grain with Sony's back-illuminated "Exmor R" CMOS sensor. Designed for compact cameras and camcorders, the "Exmor R" sensor relocates the photo diodes above the support circuitry, maximizing the light gathering area per pixel so you can shoot with better results in lower lighting conditions.

Dual Wide Angle G Lenses to capture everything you want

Experience the pinnacle of Sony® lens technology with the professional-quality G Lens. Engineered for superior optical performance, Sony® G lenses deliver brilliant, accurate color reproduction and sharp, amazingly detailed images. In addition, the 29.8mm(2D) and 34.4mm(3D) focal length in Video Mode offers a broader perspective for enhanced wide angle shooting.

Optical SteadyShot™ image stabilization w/Active Mode

Optical SteadyShot image stabilization with Active Mode compensates for greater degrees of camera shake to deliver stunningly smooth video, whether you're shooting in 3D or 2D.

Additional Features:

- Easily switch between 2D/3D with dedicated switch
- Manual Control (2D): Iris/Shutter/ Exposure/White Balance
- 5.1ch Surround mic for vivid and dynamic surround sound.
- Wind noise reduction for clear voice recording
- Expanded recording/monitoring with mic/headphone jack
- Active Interface Shoe to attach intelligent accessories
- Event Browse groups video/stills by events automatically
- Highlight Playback creates movies with transitions for you
- S-Master™ digital amplifier for true and dynamic output
- Clear phase speakers for true-to-life audio playback.

Specifications

IMAGER	
Imaging Device	2x 1/4 type (4.5mm) "Exmor R" CMOS Sensor
Processor	2x BIONZ® image processor
Imager Pixel Gross Size	2x Approx. 4200K pixels (3D)/Approx. 4200K pixels (2D)
VIDEO	
Video Actual 16:9	3D HD: 2x Approx. 1990K pixels HD: Approx. 2650K pixels
Video Actual 4:3	2D: Approx. 1990K pixels
Video Resolution (Movie Quality)	3D HD: 2x 1920x1080/60i HD: 1920x1080/60p, 24p, 60i (FX,FH), 1440x1080/60i (HQ,LP) STD: 720x480/60i
Video Signal System	3D HD: HDTV 1080/60i, HD: HDTV 1080/60p, 24p, 60i, STD: NTSC color, EIA standards
Video Format(s) Supported	3D HD: MVC (original format), HD: MPEG4-AVC/H.264 AVCHD format compatible (1080/60p: original format), STD: MPEG2-PS
STILL PICTURE	
Still Actual 16:9	5.3 megapixels (3072x1728) (Photo Mode)
Still Actual 4:3	7.1 megapixels (3072x2304) (Photo Mode)
Still Picture Max Resolution	7.1 megapixels
Dual Record Resolution	5.3 megapixels 16:9 (3072x1728)
AUDIO	
Audio Recording Format	Dolby® Digital 5.1ch, Dolby® Digital 5.1 Creator, 2ch Stereo
Microphone	Built-in Zoom Microphone
MEDIA TYPE	
Recording Media	Memory Stick PRO Duo™ media (sold separately); SD/SDHC media (sold separately)
Internal Memory	Flash Memory 64 GB[1]
RECORDING CAPACITY	
Record time with Internal Memory*	3D: Approx. 5h 15m; HD PS: Approx. 5h 15m; HD FX: Approx. 6h 15m; HD FH: Approx. 8h 25m; HD HQ: Approx. 14h 55m; HD LP: Approx. 25h 45m; STD HQ: Approx. 15h 25m
OPTICS AND LENS	
Lens Type	G Lens
35mm Equivalent 16:9	34.4mm-344mm (3D) 29.8mm - 357.6mm (2D)
35mm Equivalent 4:3	36.5mm - 438mm
Aperture	F1.8-F3.4
Exposure Control	Yes (Dial) (2D)
Focal Distance (mm)	2.9mm - 29mm(3D) / 2.9mm - 34.8mm(2D)
Focus System	Contrast AF
Shutter Speed	Auto: 1/8-1/1000, Standard: 1/60-1/1000
Minimum Illumination	Standard:11 lux(1/60 Shutter Speed) Low Lux:3 lux(1/30 Shutter Speed)(2D only)
Optical Zoom	10x (3D) / 12x (2D)
Digital Zoom	160x (2D only)
Extended Zoom	17x (2D only)
DISPLAY	
Display	3.5" Xtra Fine LCD™ display(1229K) Wide(16:9) w/TruBlack™ technology
View Finder	-
HARDWARE	
Flash	Built-in Flash
Memory Card Slot	Yes (Memory Stick PRO Duo™ media, SD/SDHC media)
Manual / Auto Lens Cover	Auto
S/S & Zoom Button on LCD	Yes (Touch Panel)

INPUTS & OUTPUTS	
Audio/Video Remote Terminal	Video/S Video/Audio/Component Out/Remote
Digital Audio/Video Output(s)	HDMI™
USB Port(s)	Yes (mini B/Hi-Speed)
Component Video (Y/Pb/Pr) Output(s)	A/V terminal
HDMI™ Connection Output(s)	Yes (mini)
Headphone Jack	Stereo Minijack
Microphone Input	Stereo Minijack
Active Interface Shoe	Yes
CONVENIENCE FEATURES	
Face Detection	Yes (2D only)
Smile Shutter™ Mode	Dual Capture/Always On/Off (2D only)
Quick On	Yes, Power On with LCD
Dynamic Range Optimizer	Yes
Image Stabilization	Optical SteadyShot™ image stabilization w/Active mode (wide(3D)/Wide to Tele(2D))
x.v.Color™	Yes
White Balance	Auto/Onepush/Outdoor/Indoor
Fader Effects	White/Black(2D only)
Scene Selection Mode(s)	Auto/Twilight/Twilight Portrait/Sunrise & Sunset/Fireworks/ Landscape/Portrait/Spotlight/Beach/Snow (2D only)
Event Browse	Yes
Photo Capture from Movie	Yes
Still Image Format(s)	JPEG
Slide Show Mode	Yes
One Touch Disc Burn	Yes (Menu) (2D only)
PhotoTV HD	Yes[8]
Multiple Language Display	Yes
Smooth Slow Record	Yes (2D only)
POWER	
Power Consumption	3D HD: 4.8W; HD: 3.3W; STD:3.1W
Supplied Battery Type	InfoLITHIUM® (NP-FV70)
Power Requirements	7.2V (battery pack); 8.4V (AC Adaptor)
DIMENSIONS	
Dimensions (Approx.)	74mm (H) x 86.5mm (W) x 148.5mm (D)
Weight (Approx.)	Body only: 22.2oz (630g); With Battery: 25.6oz (725g)
SUPPLIED ACCESSORIES	
AC Adaptor	AC-L200C/AC-L200D
Rechargeable Battery Pack	InfoLITHIUM® (NP-FV70)
Remote Commander® control unit	Remote Commander (RMT-835)
Power Cord	Yes
HDMI (mini) Cable	Yes
Composite Video Cable	Yes
USB Adaptor Cable	Yes
USB Cable	Yes
Application Software (CD-ROM)	PMB Ver.5.0[9]
SUGGESTED ACCESSORIES	
Rechargeable InfoLITHIUM Batteries	NP-FV70/FV100
Starter Kit	ACC-FV70, ACC-HDV7
AC Adaptor/Charger for V series batteries	AC-VQV10, AC-L200, BC-TRV
Lens	-
Water Housing	-
Tripod/Grip	VCT-80AV, VCT-60AV, VCT-50AV, GP-AVT1
Video Light	HVL-10NH, HVL-HFL1, HVL-HL1
DVDirect® Recorder	-

FOOTNOTES

*Capacity will vary based on type and complexity of image recorded.
1. 64 GB equals 64 billion bytes. A portion of the total storage is used for system management and/or application files. Actual Capacity is approximately 63.9 GB after removing demo video.
6. Function only works in 2D mode.
8. Requires compatible BRAVIA® HDTV and cable (sold separately).
9. Requires Microsoft® Windows® XP SP3/ Windows Vista® SP2/Windows 7. Not supported by Mac® OS.

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